

# Naveen Vijayakumar

✉ nv56x@outlook.com

☎ 425-531-9279

📍 Kansas City, MO

🔗 <https://github.com/naveen-vk>

🌐 <https://www.linkedin.com/in/naveen-vk/>

## PROFESSIONAL EXPERIENCE

### Cognizant Technology Solutions

Chennai, India

Software Engineer

Jan, 2021 – June, 2021

- Worked on a web application for an online bookstore using Angular framework.
- Collaborated with web, and back-end development team while working on adding new features to the web application like wish list, buyer rating and comments.
- Worked with the design team for UI/UX design patterns and utilized corporate image and styling guide to create user-friendly interfaces for the web application.
- Improved product quality through writing effective unit tests, UI tests, snapshot tests, and code reviews.
- Used MVC, MVM and VIPER architectures while working on the projects.

### Examly.ai

Coimbatore, India

Software Engineer

July, 2020 – Dec, 2020

- Examly is an AI Powered, Mobile First, Learning & Assessment Tool for corporates, coaching centers and other educational institutions in India.

- Responsible for adding new features in the company's online exam portal using MongoDB, Express, Angular and NodeJS (MEAN stack).
- Implemented new question types like Drag & Drop, Graphical and Multiple Choice questions to the existing portal.
- Collaborated with senior product developers to implement automatic online live proctoring.
- Experience in implementing and executing REST Service which communicates data in JSON.
- Followed Agile methodology (Scrum and Kanban), attending daily standup meetings, bi-weekly sprints. Used Jira as a project management tool

## SKILLS

**Programming:** Java, C, JavaScript, Python, .NET

**JavaScript Frameworks:** Angular, React

**Database:** Firebase, MongoDB, and MySQL

**Web:** HTML5, CSS3, Bootstrap and Material UI

**Big Data Tool:** Apache Spark

**Version Control Systems:** GitHub, Bitbucket

## EDUCATION

**University of Missouri - Kansas City**

Kansas City, MO

Master of Science in Computer Science

Expected Graduation on May 2023

GPA: 3.46

**Sri Krishna College of Engineering and Technology**

Coimbatore, India

Bachelor of Technology in Information Technology

Graduated in May 2021

Cum. GPA: 3.4

## ACADEMIC PROJECTS

### Twitter analysis - Big Data Project (Course Project)

Aug, 2021 – Dec, 2021

- Created a hybrid app using PySpark in analyzing tweets and capturing different emotions and thoughts.
- Trained machine learning models using twitter sentiment dataset.
- Used the trained model to find sentiment from live tweets and PySpark to analyze the emotions of people area and country wise.

### Covid19 Prediction (Course Project)

Jan, 2021 - May, 2021

- Used covidtracking.com API to train machine learning models using an ipython notebook to predict Covid19.
- Used a trained model to predict the number of new cases, recovered cases, and deaths for up to 20 days in advance.

### Find Duplicates (Individual Project)

Jun, 2020

- Developed a web application to categorize duplicates based on text similarity from kaggle's (StackOverflow questions) dataset.
- Implemented a system to bucketize 1.26 million data in 107 seconds using cosine similarity algorithm and deployed in Heroku.

### Online Voting Platform (Course Project)

Jan, 2020 - April, 2020

- Created a web application for Casting Votes Online. The application has the ability to cast votes through SMS or through the web application.
- The web app doesn't allow backtracking of votes and also has the functionality to count votes depending upon locations.

## CERTIFICATES

Database Management Systems

IIT - Madras | 2019

- Certification on topics such as database functions, data-modeling, relational query languages, database design, transaction processing, and other current technologies.

Data Structures ( Silver )

Hackerrank

Problem Solving ( Gold )

C Programming ( Silver )

Java ( Silver )